Table B-23. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 2001

[Dollars in thousands]

Page 1 of 2

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Institution and ranking	Total	USDA	Com	DoD <sup>1</sup>	ED	DOE	EPA	HHS	NASA	NSF	Other <sup>2</sup>
Total, all institutions	240,332	45,721	1,664	25,348	4,619	4,573	6,522	101,341	33,531	12,660	4,353
Howard University     Morehouse School of Med     Meharry Medical College     Florida A&M University     Hampton University	30,141 23,893 15,782 14,962 14,186	0 0 0 3,318 0	133 0 0 0 0	3,992 0 150 1,903 4,617	457 173 0 333 269	266 0 0 418 1,545	0 0 0 0	21,969 22,474 15,517 2,792 792	1,986 1,246 0 4,006 5,696	1,308 0 115 2,101 1,267	30 0 0 91 0
6 Tuskegee University 7 NC Ag & Tech State U 8 Xavier U of Louisiana 9 Tennessee State U 10 Southern U A&M All Cmp	13,222 11,273 8,390 8,373 7,095	2,381 3,691 0 2,846 1,789	0 0 0 0	984 1,936 299 930 673	0 160 0 0	60 159 109 0 95	0 0 2,092 0 2,839	7,463 0 3,730 2,034 944	1,716 3,220 0 1,551 237	618 1,083 2,160 1,012 411	0 1,024 0 0 107
Total 1st 10 institutions	147,317	14,025	133	15,484	1,392	2,652	4,931	77,715	19,658	10,075	1,252
11 Prairie View A&M U  12 Jackson State University  13 Alabama A & M University  14 Morgan State University  15 Clark Atlanta University	7,089 6,629 6,496 6,022 5,270	3,086 34 2,674 0 16	0 100 0 0	0 642 1,585 357 2,086	0 140 33 0 342	938 0 0 25 364	0 0 0 0	920 4,777 48 2,839 100	2,095 271 2,156 1,874 1,954	50 665 0 15 408	0 0 0 912 0
16 Spelman College 17 Kentucky State University 18 Alcorn State University 19 Fort Valley State U 20 U of Arkansas Pine Bluff	3,983 3,331 3,318 3,163 3,100	0 3,239 3,264 3,031 2,674	0 0 0 0	539 0 0 0 0	0 0 54 45 0	0 0 0 0	0 0 0 0	1,672 92 0 0 311	1,587 0 0 0 0	185 0 0 30 0	0 0 0 57 115
Total 1st 20 institutions	195,718	32,043	233	20,693	2,006	3,979	4,931	88,474	29,595	11,428	2,336
21 Virginia State University 22 NC Central University 23 Fisk University 24 Langston University 25 SC State University	3,029 2,950 2,885 2,714 2,555	2,118 0 0 2,260 1,707	0 441 0 0 0	267 163 205 0 0	0 0 0 0	0 71 100 110 45	0 0 0 0	644 2,224 0 344 50	0 0 1,524 0 0	0 41 737 0 0	0 10 319 0 753
26 U of MD Eastern Shore 27 Texas Southern U 28 Winston Salem State U 29 Lincoln U (Jeffersn City) 30 Norfolk State University	2,554 2,492 2,422 2,185 1,988	1,528 0 0 2,185 0	215 0 0 0 0	100 0 999 0 150	0 0 517 0 239	0 0 0 0 85	0 0 0 0	125 2,127 805 0 225	28 365 52 0 1,137	0 0 0 0 32	558 0 49 0 120
Total 1st 30 institutions	221,492	41,841	889	22,577	2,762	4,390	4,931	95,018	32,701	12,238	4,145
31 Atlanta University 32 U of the Virgin Islands 33 WV State College 34 Shaw University 35 University of DC	1,877 1,688 1,661 1,646 1,304	0 1,111 1,436 0 697	0 0 125 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 1,521 0	1,877 486 0 125 532	0 0 100 0 0	0 0 0 0	0 91 0 0 75
36 Morehouse College 37 Delaware State University 38 Grambling State U 39 Elizabeth City State U 40 Tougaloo College	1,244 1,243 1,119 912 754	0 636 0 0	0 0 650 0 0	776 191 324 590 0	58 22 0 0 0	59 0 0 0	0 0 0 0	263 331 130 0 754	73 0 0 322 0	15 63 0 0	0 0 15 0
Total 1st 40 institutions	234,940	45,721	1,664	24,458	2,842	4,449	6,452	99,516	33,196	12,316	4,326
41 Lincoln U (Linc U PA) 42 Benedict College	614 588 469 452 418	0 0 0 0	0 0 0 0	472 0 0 191 0	73 0 0 135 418	69 0 0 0	0 0 0 0	0 588 154 126 0	0 0 60 0	0 0 255 0 0	0 0 0 0
46 Johnson C Smith U 47 Mississippi Valley St U 48 Voorhees College 49 Miles College 50 Alabama State University	328 286 277 235 225	0 0 0 0	0 0 0 0	120 0 0 0 0	0 0 0 235 181	0 0 0 0	0 0 0 0	110 209 277 0 0	98 77 0 0	0 0 0 0 44	0 0 0 0
Total 1st 50 institutions	238,832	45,721	1,664	25,241	3,884	4,518	6,452	100,980	33,431	12,615	4,326

See explanatory information, if any, and SOURCE at end of table.

Table B-23. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 2001

## [Dollars in thousands]

Page 2 of 2

Institution and ranking	Total	USDA	Com	DoD <sup>1</sup>	ED	DOE	EPA	HHS	NASA	NSF	Other <sup>2</sup>
51 Morris College 52 Albany State University 53 Claflin College 54 Savannah State University 55 Talladega College	206 177 171 170 146	0 0 0 0	0 0 0 0	0 50 0 0	206 127 128 0 146	0 0 0 0	0 0 0 0	0 0 43 98 0	0 0 0 0	0 0 0 45 0	0 0 0 27 0
56 Virginia Union University	102 100 92 82 57 240,135	0 0 0 0 0 45,721	0 0 0 0 0	0 0 0 0 57 25,348	0 0 82 0 4,573	0 0 0 0 0 4,518	70 0 0 0 0 0	32 0 92 0 0 101,245	0 100 0 0 0 33,531	0 0 0 0 0 0	0 0 0 0 0 0
61 Bennett Col (Greensboro) 62 Oakwood College 63 Paine College 64 Fayetteville State U 65 Lane College	32 32 32 30 26	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 26	0 0 0 30	0 0 0 0	32 32 32 0 0	0 0 0 0	0 0 0 0	0 0 0 0
66 Bethune Cookman College 67 Dillard University	25 20 240,332	0 0 45,721	0 0 1,664	0 0 25,348	0 20 4,619	25 0 4,573	0 0 6,522	0 0 101,341	0 0 33,531	0 0 12,660	0 0 4,353

The Department of Defense (DoD) states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

## See General Notes.

KEY:

USDA = Department of Agriculture Com = Department of Commerce DoD = Department of Defense

DOD = Department of Education
DOE = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration

National Science Foundation

NOTE: Tied institutions are listed in alphabetical order.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 2001